Project Files

Date	26 June 2025
Team ID	LTVIP2025TMID29751
Project Name	Airline Management system

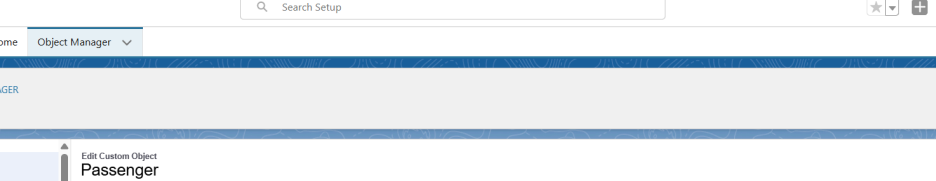These are the main Salesforce components created and configured as part of the project:

- **Custom Objects**:
    - Flight

- Booking

o Passenger

o Crew

- **Custom Fields & Relationships**:
  - Picklist, Date, Number, Lookup, Text fields created across all objects
  - Field dependencies between fields (e.g., "Departs From" → "Departs To")

- **Lightning App**:
  - Airline Management System app with tabs for custom objects

←   Lightning App Builder   ⚙ App Settings   📄 Pages ⌄   AirLine Management System   ? Help

App Settings

- **App Details & Branding**
- App Options
- Utility Items (Desktop Only)
- Navigation Items
- User Profiles

App Details & Branding

Give your Lightning app a name and description. Upload an image and choose the highlight color for its navigation bar.

App Details

* App Name ⓘ

AirLine Management System

* Developer Name ⓘ

AirLine_Management_System

Description ⓘ

An Airline Management System (AMS) is a software-based system that helps airlines

App Branding

Image ⓘ

⬆ Upload

Primary Color Hex Value ⓘ

[■] ⌄   #0070D2

Org Theme Options

☐ Use the app's image and color instead of the org's custom theme

App Launcher Preview

AM   **AirLine Management System**
An Airline Management System (AMS) is a software-based...

←   Lightning App Builder   ⚙ App Settings   📄 Pages ⌄   AirLine Management System   ? Help

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App Options

Navigation and Form Factor ⓘ

* Navigation Style

◉ Standard navigation
○ Console navigation

* Supported Form Factors

◉ Desktop and phone
○ Desktop
○ Phone

Setup and Personalization ⓘ

Setup Experience
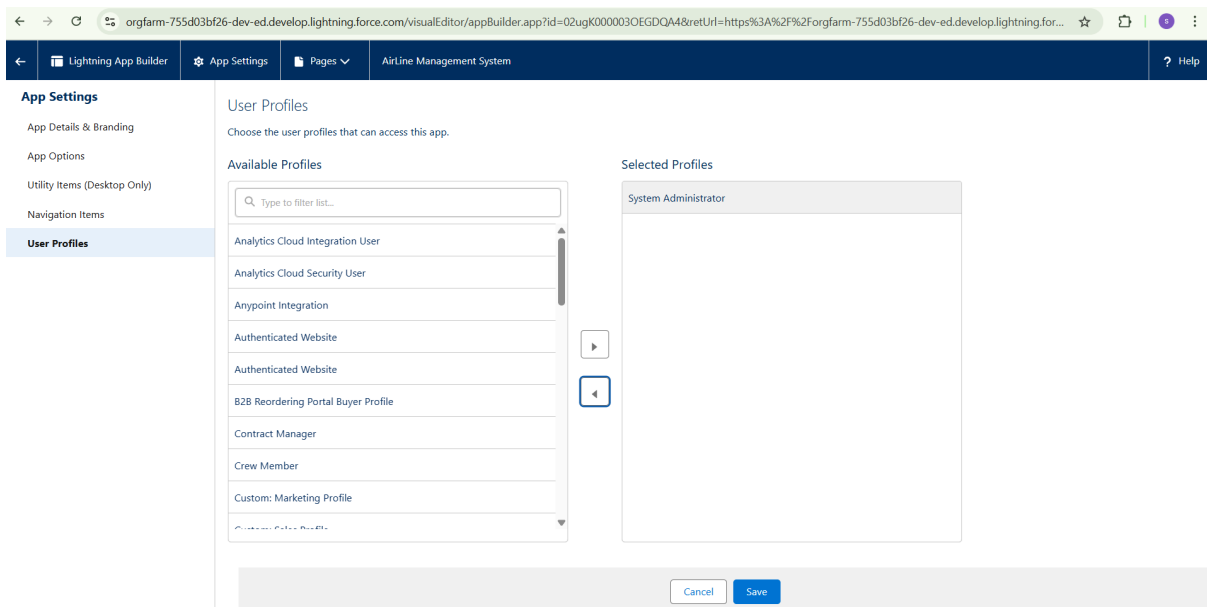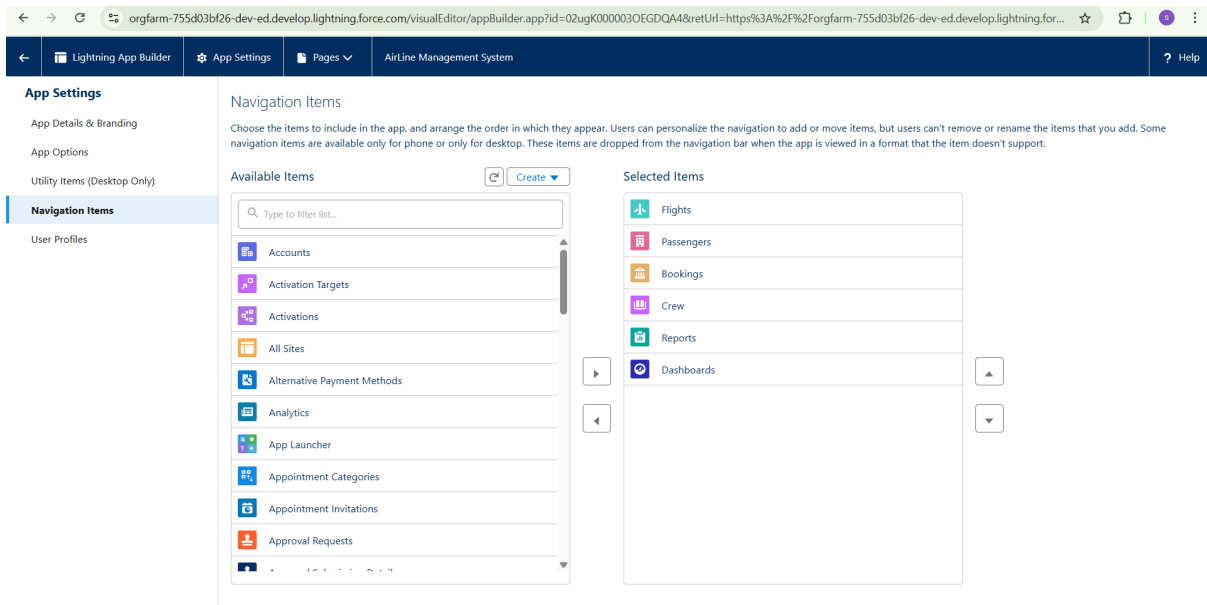
◉ Setup (full set of Setup options)
○ Service Setup
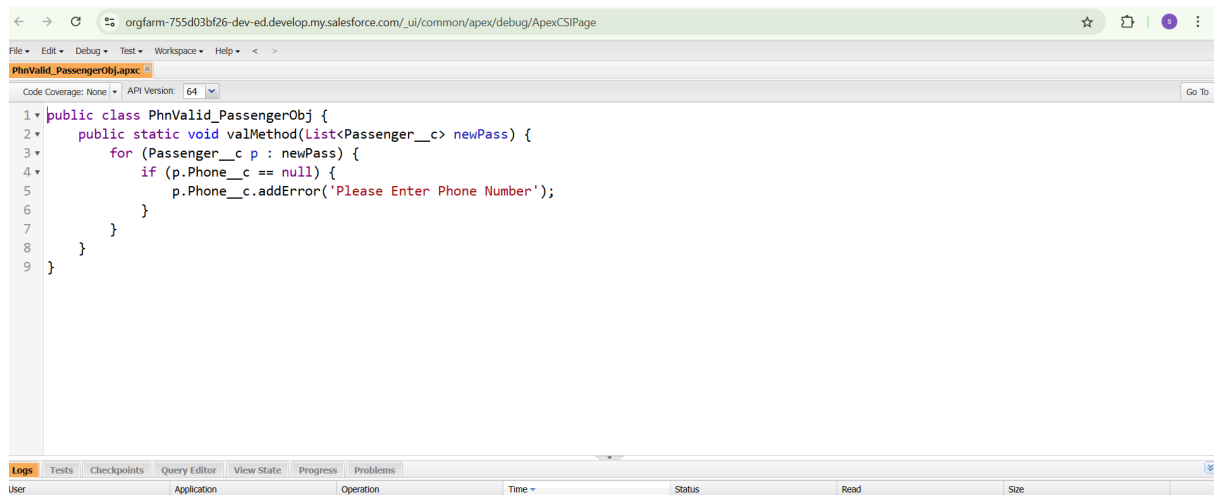○ Data Cloud Setup

App Personalization Settings

☐ Disable end user personalization of nav items in this app
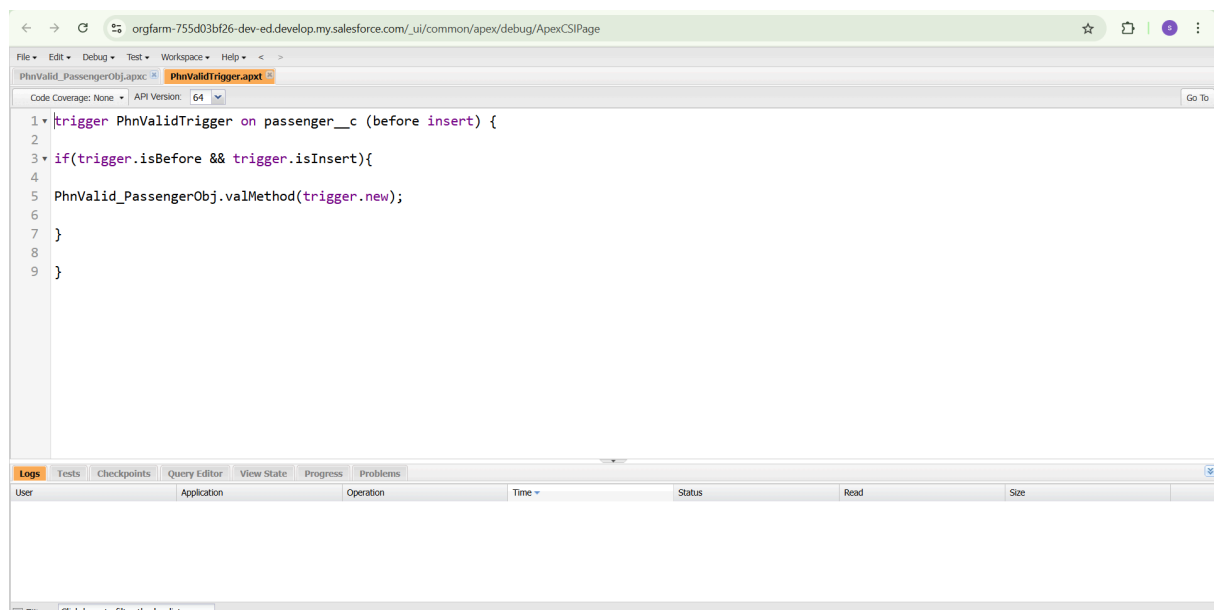☐ Disable temporary tabs for items outside of this app
☐ Use Omni-Channel sidebar

- **Schema Builder**:
  - Shows visual representation of all object relationships
- **Apex Components**:
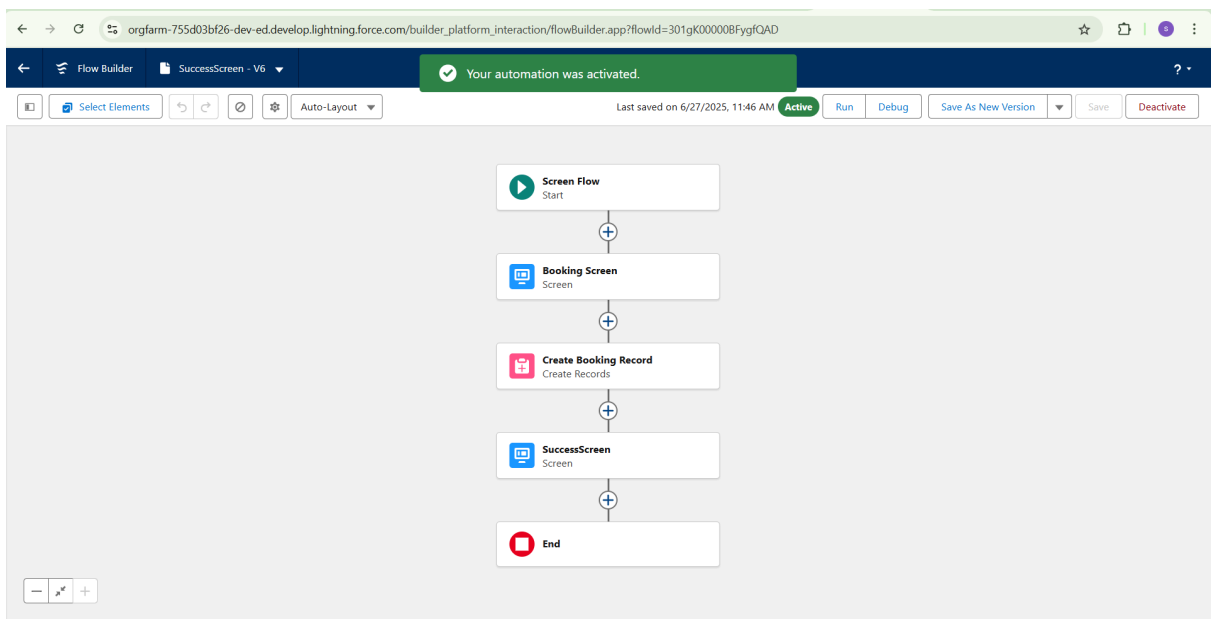 - **Apex Class**: PhnValid_PassengerObj

```
1  public class PhnValid_PassengerObj {
2      public static void valMethod(List<Passenger__c> newPass) {
3          for (Passenger__c p : newPass) {
4              if (p.Phone__c == null) {
5                  p.Phone__c.addError('Please Enter Phone Number');
6              }
7          }
8      }
9  }
```

- ○ **Trigger**: PhnValidTrigger


```
1  trigger PhnValidTrigger on passenger__c (before insert) {
2
3  if(trigger.isBefore && trigger.isInsert){
4
5  PhnValid_PassengerObj.valMethod(trigger.new);
6
7  }
8
9  }
```

- ○ **Test Class**: PhnValid_TestClass

```
1   isTest
2 ▾ public class PhnValid_TestClass {
3
4       @isTest
5
6 ▾     public static void testClass(){
7           list <Passenger__c> varlis = new list<Passenger__c>();
8           Passenger__c var = new Passenger__c();
9           var.Phone__c = null;
10          varlis.add(var);
11          insert varlis;
12          PhnValid_PassengerObj.valMethod(varlis);
13      }
14
15  }
```

- **Flows**:
  - Screen flow for creating a new Booking record with success confirmation

- **Profiles & Roles**:
  - Custom Profiles (e.g., General Admin, Management Admin)

- ○ Custom Roles (e.g., Senior Admin, Crew Member)
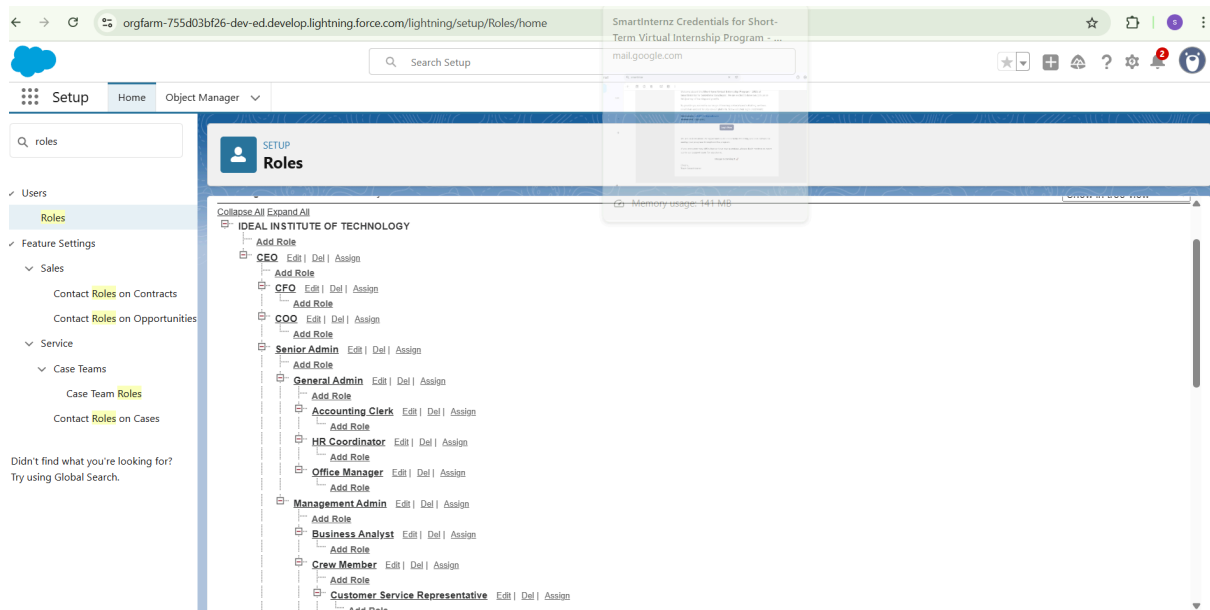
- **Reports & Dashboards**:
  - Reports: "Bookings with Flight Details", "Booking with Passenger Name", etc.
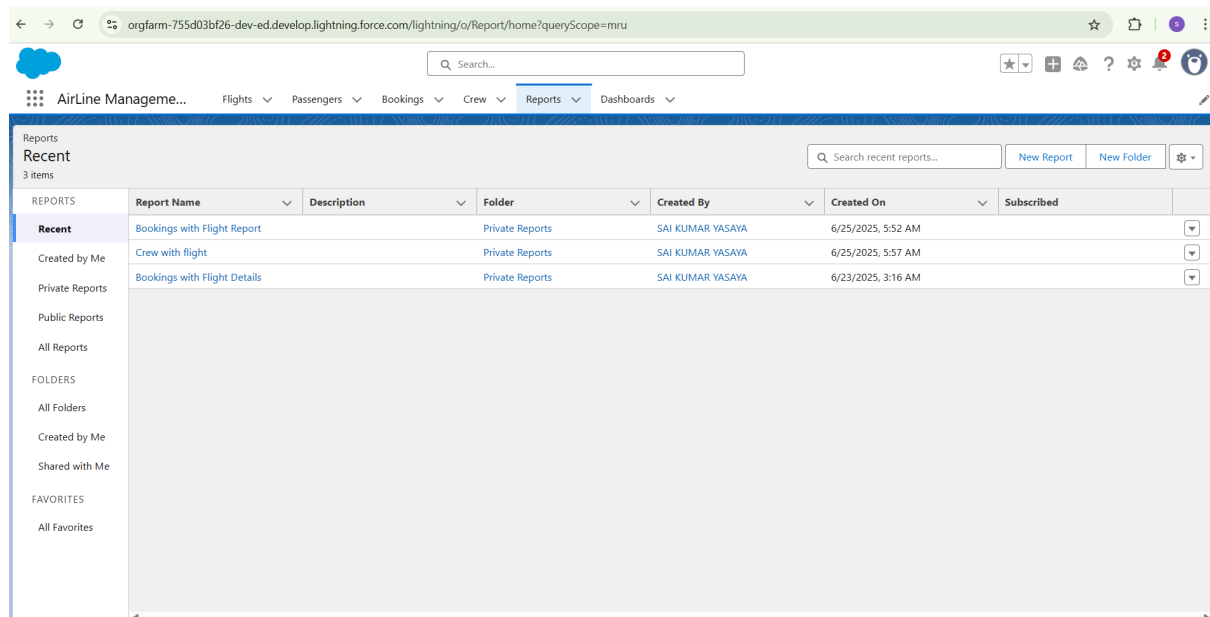
  - Dashboards: Visualizations using donut charts for key metrics

Search...

AirLine Manageme...   Flights ∨   Passengers ∨   Bookings ∨   Crew ∨   Reports ∨   Dashboards ∨
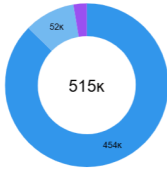
Crew

Dashboard
Booking with Flights Component
using the Booking with flight report
⚠ Last refreshed 1 day ago. Refresh this dashboard to see the latest data.
As of Jun 25, 2025, 6:03 AM · ⓘ · Viewing as SAI KUMAR YASAYA

Refresh   Edit   Subscribe

Bookings with Flight Details

Sum of Flight: PNR Number

Travellers
Adult ●
Child ●
Other ●

52к

515к

454к

View Report (Bookings with Flight Details)   As of Jun 25, 2025, 6:03 AM